

Title (en)
METHOD FOR GENERATING DOWNLINK FRAME, AND METHOD FOR SEARCHING CELL

Title (de)
VERFAHREN ZUR ERZEUGUNG EINES DOWNLINK-RAHMENS UND VERFAHREN ZUR ZELLENSUCHE

Title (fr)
PROCÉDÉ DE GÉNÉRATION DE TRAME DESCENDANTE ET PROCÉDÉ DE RECHERCHE DE CELLULE

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Abstract (en)
[origin: US2009252334A1] The present invention relates to a method of generating a downlink frame. The method of generating the downlink frame includes: generating a first short sequence and a second short sequence indicating cell group information; generating a first scrambling sequence and a second scrambling sequence determined by the primary synchronization signal; generating a third scrambling sequence determined by the first short sequence; scrambling the first short sequence with the first scrambling sequence and scrambling the second short sequence with the second scrambling sequence and the third scrambling sequence; and mapping the secondary synchronization signal that includes the scrambled first short sequence and the scrambled second short sequence to a frequency domain.

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